ABSTRACT OF THE DISCLOSURE

A lighting device for preventing generation of ozone, which is an air pollutant, while generating anions and purifying air is disclosed. The lighting apparatus has lamps mounted on an upper part thereof, adapted to emit light of three wavelengths, and a socket coupled to a lower part thereof. The lighting apparatus comprises an anion generator centrally mounted on the upper part of the housing, and a metal fiber brush mounted in the anion generator. The anion generator has a coating layer coated with titanium dioxide serving as a photocatalyst so as to perform air purification. The brush includes numerous metal fibers. Each of the metal fibers is formed on an outer surface thereof with numerous tiny projections. Each of the projections has a sharp tip. The lighting apparatus purifies air, without a UV lamp, using light of three wavelengths of the lamp, by coating the outer surface of the anion generator with the photocatalyst. The lighting apparatus does not generate ozone because it uses the metal fiber brush. The lighting apparatus prevents anions generated from the anion generator from being removed by electromagnetic interference.